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RAW SEQUENCE LISTING DATE: 08/04/2004 PATENT APPLICATION: US/10/767,308 TIME: 08:44:13

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1 <110 > APPLICANT: Kapeller Libermann, Rosana
        White, David
        MacBeth, Kyle J.
 4 <120> TITLE OF INVENTION: 2786, A NOVEL HUMAN AMINOPEPTIDASE
 5 <130> FILE REFERENCE: 5800-62
 6 <140> CURRENT APPLICATION NUMBER: US/10/767,308
 7 <141> CURRENT FILING DATE: 2004-01-29
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                                              170
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Thr Trp Glu Lys Arg Gly Pro Asn Lys Phe Phe Phe Gln Met Cys Gln

44

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65	_	370					375					380				
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81				500					505					510		
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83			515					520					525			
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91	_	-		580	-		-		585		-		_	590		_
92	Glu	Phe	Leu		Asn	Gln	Gly	Lys		Lys	Tyr	Thr	Leu	Pro	Leu	Tyr
93		·	595				-	600		-	-		605			-

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95	610		ml ·		515	77 1	T	ria (620 7an 1	7-7 1	7-7	Nan '	TTs rec	
96	Thr Phe	Ala Ser			ser (3 1 I I I E	_eu i		ser 635	ASII	vai	vaı .		191 640	
97	625	Glm Tla		630	2×0 1	1110 (77.7		0.3.5					040	
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114	Leu Hi	s Ser Al		Ala	Val	Asp		Ala	Ser	Ala	Ser		Phe	Arg	
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123		b Leu Ar													
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140	aay ad	g aag co s Lys Pr	o Pho	75 75	Tur	Thr	Gln	G1 17	Gln	Δla	Val	Len	Asn	Ara	503
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DATE: 08/04/2004

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165	ьeu	290	мес	PIO	PIO	ser	295	PIO	PHE	Gry	Gry	300	Giu	ASII	FIO	Cys	
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187	فيمين	<u>.</u>			405	+ ~ -	+	a+-	~~~	410	++~	a+~	~~+	~~+		gat	1357
188										cac His							1007
189	GTĀ	rne	Cys	420	vaı	per	тАт	пеп	425	птр	шeu	vaı	GIY	430	GIII	Top	
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Arg Trp Leu Asn Thr			. ~ ~ ~	+~	2 2 t	200		aaa	+ aa	aaa	aaa		ctc	cct	gat	ctc		1549
202		Nega t	gg c	ity (aat Nan	mb _r	Dro	G1 17	Trn	Dro	Dro	Tur	T.011	Dro	Aan	Leu	Ser	1947
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Pro Gly Asp Ser Leu Met Lys Pro Ala Glu Glu Leu Ala Gln Leu Trp 510 500 510		aat a	, , ,		tas		ata	220	aat	aat		aaa	cta	acc	caa		taa	1597
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Pro Trp Lys Thr Tyr Gln Leu Val Tyr Phe Leu Asp Lys Ile Leu Gln 530 540 540 540 540 540 540 540 540 540 540 540 540 540 545 550 550 550 555 550 555 550 555 550 555 550 555 550 555 550 555 550 555 550 555 560 575 560 575 575 560 575 560 575		aaa t			200	tac	cac	cta		tac	ttc	cta	gat		atc	ctc	cag	1693
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212			_	ıys	1111	тут	GIII		VUI	- y -		Lou		_, 5		200	J.11	
Lys Ser Pro Leu Pro Pro Gly Asn Val Lys Lys Leu Gly Asp Thr Tyr 560				iat i	ctc	cct	cct		aat	ata	aaa	aaa		gga	gac	aca	tac	1741
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Pro Ser Ile Ser Asn Ala Arg Asn Ala Glu Leu Arg Leu Arg Trp Gly 575			art a	tc.	tca	aat		caa	aat	aca	gag		caa	cta	cga	t.aa		1789
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220 580 585 590 221 gag ttc ctg cat aac cag ggg aag cag aag tat aca ctt ccg ctg tac 1885 222 Glu Phe Leu His Asn Gln Gly Lys Gln Lys Tyr Thr Leu Pro Leu Tyr 595 600 605 224 cac gca atg atg ggt ggc agt gag gtg gcc cag acc ctc gcc aag gag 1933 225 His Ala Met Met Gly Gly Ser Glu Val Ala Gln Thr Leu Ala Lys Glu 610 615 620 227 act ttt gca tcc acc gcc tcc cag ctc cac agc aat gtt gtc aac tat 1981 228 Thr Phe Ala Ser Thr Ala Ser Gln Leu His Ser Asn Val Val Asn Tyr 625 640 230 gtc cag cag atc gtg gca ccc aag ggc agt tagaggctcg tgtgcatggc 2031 231 Val Gln Gln Ile Val Ala Pro Lys Gly Ser 650 233 ccctgctct tcaggcttc tcaggctttca gaataattgt ttgttccaa attcctgttc 2091 234 cctgatcaac ttcctggagt ttatatcccc tcaggataat ctattctta gcttaggcacc actgagccc 2211 235 ctgtgactct tgggcctct ctctggtggg aacttacttc tcttatagcca actgagccc 2211 236 gagacagaga acctgccca agctctcccc gctacagcc gctacagct cagggcagc 2211																		
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223 595 600 605 224 cac gca atg atg ggt ggc agt gag gtg gcc cag acc ctc gcc aag gag 1933 225 His Ala Met Met Gly Gly Ser Glu Val Ala Gln Thr Leu Ala Lys Glu 226 610 615 620 227 act ttt gca tcc acc gcc tcc cag ctc cac agc aat gtt gtc aac tat 1981 228 Thr Phe Ala Ser Thr Ala Ser Gln Leu His Ser Asn Val Val Asn Tyr 229 625 630 635 640 230 gtc cag cag atc gtg gca ccc aag ggc agt tagaggctcg tgtgcatggc 2031 231 Val Gln Gln Ile Val Ala Pro Lys Gly Ser 232 645 650 233 ccctgcctct tcaggctctc caggctttca gaataattgt ttgttcccaa attcctgttc 2091 234 cctgatcaac ttcctggagt ttatatcccc tcaggataat ctattctcta gcttaggtat 2151 235 ctgtgactct tgggcctctg ctctggtggg aacttacttc tctatagccc actgagcccc 2211 236 gagacagaga acctgcccac agctctcccc gctacaggct gcaggcactg cagggcagcg																		
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VERIFICATION SUMMARY

DATE: 08/04/2004

PATENT APPLICATION: US/10/767,308

TIME: 08:44:14